

HNS *235***CONFIDENTIAL***P-224C*

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Monthly Progress Report

1 December - 31 December, 1960

A design layout of the final equipment package was completed during this interval. The correlator will be housed in a commercial instrument case, suitcase style, measuring approximately 22 x 15 x 7 inches including the depth of the cover. Construction of circuit modules is now virtually complete, and a final design for the regulated power supply has been selected. Metal fabrication work is proceeding on the front panel and framework.

Breadboard work continues on the choice of optimum design constants. The aim of this effort is not to develop new circuits but rather to adjust the time constants, decision levels, and other free parameters of the existing correlator for best performance on the recorded tape samples previously prepared under field conditions.

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